

Region 3 GPRA Baseline RCRA Corrective Action Facility

Pennzoil-Quaker State Company - Rouseville Plants 1 and 2 (Shell Lubricants Company)

Two Main Street
P.O. Box 415
Rouseville, PA 16344
Congressional District 5
EPA ID #: PAD004329835
Last Updated 6/30/2005

Current Progress at the Site

A source area for occasional outbreaks of sheens and separate phase liquids (SPLs) located near the railroad bridge that crosses Oil Creek was recently addressed. During January and February 2005 a sheet pile wall (Waterloo Barrier®) was installed adjacent to oil Creek to physically contain the SPLs. Three containment wells were also installed upgradient to recover SPL from the area and to contain sheen outbreaks.

In May EPA will assure all actions have been taken to protect human health and the environment. In 2005 the Plant 2 Site Characterization Report was resubmitted to EPA. The report is currently under review to assure all actions have been taken to protect human health and the environment.

Site Description

The Pennzoil Facility in Rouseville, PA consists of two physically separate portions; Plant 1 and Plant 2. Both Plants are located in Verango County in the western portion of Pennsylvania. Plant 1 is located in Rouseville Borough and Plant 2 is located in Cornplanter Township. Both Plants are located along Oil Creek. Plant 1 had storage tanks which received crude oil. This oil was refined into various motor oils, lubricants, and fuels. Plant 2 had storage tanks that received product from Plant 1 via a pipeline. There have been various releases of products from both plants which have been found in the groundwater and which have seeped into nearby streams.

Pennzoil entered a Consent Order with PADEP in April of 1990 for releases to the environment from the Rouseville Facility Plants 1 and 2. The Order has since expired but Pennzoil has continued to remediate the sites under the conditions of the Order.

Pennzoil was also under an EPA Corrective Action Permit issued later in 1990 to investigate

specific solid waste management units and areas of concern. Since the PADEP Order was more comprehensive, in 1993 EPA created a worksharing arrangement with PADEP. Under this arrangement, PADEP oversees remediation activities at Pennzoil and EPA receives copies of quarterly reports and other correspondences. The EPA Corrective Action Permit issued to Pennzoil in 1990 expired in 2000. According to 40 CFR § 270.30(b), a permittee must apply for and obtain a new permit to continue activities regulated by this permit after the expiration date. Since Pennzoil no longer manages hazardous waste storage areas, they did not renew the EPA permit and EPA considers the permit to be expired. However, the obligation to address hazardous waste releases under RCRA remains in effect until EPA makes a final decision on an appropriate remedy. Given the recent various changes in ownership, the fact that the permit is expired, and that Pennzoil has been conducting remediation activities under supervision of PADEP since 1993, EPA believes the most practical approach to complete site remediation is to allow each area of concern (AOC) identified in the permit and any AOC's identified by PADEP to be addressed by PADEP's Land Recycling Program (Act 2). EPA believes that upon completion of the Act 2 Program all conditions of the original permit and all portions of corrective action will be satisfied.

Over time, releases to the environment of petroleum hydrocarbons have decreased as measured by such parameters as the amount of oily sheens on the local streams and the amount of free product floating on the groundwater. Pennzoil accomplished these reductions by repairing leaking equipment and actively removing free product. Remediation activities are continuing.

In April, 2000, Plant 1 was sold to Calumet Lubricants, L.P. and Pennzoil had retained the environmental liability. Calumet is in the process of decommissioning Plant 1 and prepared a site-wide evaluation report under the PADEP Land Recycling Program (Act 2). Environmental liability for Plant 1 is now shared between Calumet and Shell. Plant 2 was acquired by Shell lubricants on October 1, 2002 during the acquisition of Pennzoil-Quaker State by the Shell Oil Company. Pennzoil has decommissioned Plant 2 and prepared a site-wide evaluation report under the PADEP Land Recycling Program (Act 2). Both reports mentioned were disapproved and were to be resubmitted.

In the January 2003 Conceptual Site Model submitted by TolTest a Toluene plume was identified on the Pant 1 property. The source was reportedly a former MEK-Toluene unit. A pilot test was performed and Soil Vapor Extraction (SVE) was chosen as the remedial action to address the plume. The SVE unit is currently active and treating the plume through the existing groundwater treatment system with some modifications.

Site Responsibility

Corrective Action at the Pennzoil- Rouseville Plant is being conducted primarily under the supervision of PADEP with assistance and concurrence by EPA.

Contaminants

The main contaminants in the groundwater are petroleum hydrocarbons. Pennzoil has the surface water oil sheens under control and has removed most of the free product floating on the groundwater.

Community Interaction

If there is further action at the Pennzoil - Rouseville facility, EPA will inform the public. In the near future EPA will modify the Corrective Action Permit to reflect the changes in ownership and current remediation activities.

Institutional Controls

There are currently no institutional controls established at this facility.

Government Contacts

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For more information about EPA's corrective action webpage, including Environmental Indicators, please visit our site at: www.epa.gov/reg3wcmd/correctiveaction.htm